

Grade 2 Math Unit 4
Canterbury Public Schools

Subject	Math
Grade Level	2
Unit Title	Addition and Subtraction on the number line
Unit Goals	<p>Students learn about the structure of a number line and use it to represent numbers within 100. Relate addition and subtraction to length and represent the operations on the number line</p> <p>Section A Represent whole numbers within 100 as lengths from 0 on the number line Understand the structure of the number line</p> <p>Section B Add and subtract on a number line Represent sums and differences on a number line</p>
Pacing (# of weeks)	1 - 2 weeks
Standards	2.MD.B.6, 2.NBT.A.2, 2.NBT.B.5
Content/Conceptual Knowledge (know)	<p>Conventions for representing addition and subtraction on the number line: use arrows pointing to the right for adding and arrows pointing to the left for subtracting</p> <p>The relationship between addition and subtraction. The number lines show a tick mark for every whole number in he</p>
Skills (be able to do)	<p>Use the number line to represent whole numbers, sums, and differences. Estimate numbers represented by points on the number line</p> <p>Use the number line to represent addition and subtraction methods discussed such as counting on, counting back by place, and decomposing a number to get to a 10.</p> <p>Use directional arrows to indicate addition and subtraction</p>
Essential Questions	How can a number line help us to add and subtract?
Enduring Understandings	We can use number lines and arrows either to the right or left depending on whether we are adding or subtracting to help us find and answer to a question.
Vocabulary	Arrows, point, indicate, operations, sums and differences
Common Learning Experiences	Student work centers, classroom activities
Assessments	(formative/summative; end of assessments, performance based observations

	students use the number line to make sense of and solve story problems
Student Resources	(place value mats, concrete materials manipulatives, number lines
Teacher Resources	Texts, number lines
Strategies	Experiment with number lines, practice using the arrow method to identify addition and or subtraction